

# B John Oommen

## List of Publications by Citations

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342  
papers

3,459  
citations

28  
h-index

45  
g-index

367  
ext. papers

3,917  
ext. citations

3  
avg, IF

5.62  
L-index

#	Paper	IF	Citations
342	Generalized pursuit learning schemes: new families of continuous and discretized learning automata. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2002</b> , 32, 738-49		117
341	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1990</b> , 20, 931-938		115
340	Continuous and discretized pursuit learning schemes: various algorithms and their comparison. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2001</b> , 31, 277-87		105
339	. <i>IEEE Journal of Robotics and Automation</i> , <b>1987</b> , 3, 672-681		95
338	. <i>IEEE Transactions on Computers</i> , <b>1988</b> , 37, 2-13	2.5	77
337	A brief taxonomy and ranking of creative prototype reduction schemes. <i>Pattern Analysis and Applications</i> , <b>2003</b> , 6, 232-244	2.3	72
336	. <i>IEEE Transactions on Computers</i> , <b>1996</b> , 45, 195-208	2.5	72
335	Continuous learning automata solutions to the capacity assignment problem. <i>IEEE Transactions on Computers</i> , <b>2000</b> , 49, 608-620	2.5	69
334	Learning automata-based solutions to the nonlinear fractional knapsack problem with applications to optimal resource allocation. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2007</b> , 37, 166-75		68
333	The Kohonen network incorporating explicit statistics and its application to the travelling salesman problem. <i>Neural Networks</i> , <b>1999</b> , 12, 1273-1284	9.1	68
332	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1992</b> , 22, 1473-1483		67
331	Stochastic learning-based weak estimation of multinomial random variables and its applications to pattern recognition in non-stationary environments. <i>Pattern Recognition</i> , <b>2006</b> , 39, 328-341	7.7	61
330	Random early detection for congestion avoidance in wired networks: a discretized pursuit learning-automata-like solution. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 66-76		58
329	Dynamic algorithms for the shortest path routing problem: learning automata-based solutions. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2005</b> , 35, 1179-92		54
328	Stochastic searching on the line and its applications to parameter learning in nonlinear optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1997</b> , 27, 733-9		53
327	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1988</b> , 18, 451-458		49
326	Enhancing prototype reduction schemes with LVQ3-type algorithms. <i>Pattern Recognition</i> , <b>2003</b> , 36, 1083-1093	4.4	44

325	Solving Stochastic Nonlinear Resource Allocation Problems Using a Hierarchy of Twofold Resource Allocation Automata. <i>IEEE Transactions on Computers</i> , <b>2010</b> , 59, 545-560	2.5	41
324	Recognition of noisy subsequences using constrained edit distances. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1987</b> , 9, 676-85	13.3	38
323	The asymptotic optimality of discretized linear reward-inaction learning automata. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1984</b> , SMC-14, 542-545		38
322	GPSA: a new adaptive algorithm for maintaining shortest path routing trees in stochastic networks. <i>International Journal of Communication Systems</i> , <b>2004</b> , 17, 963-984	1.7	37
321	An effective algorithm for string correction using generalized edit distances—Description of the algorithm and its optimality. <i>Information Sciences</i> , <b>1981</b> , 23, 123-142	7.7	36
320	Service selection in stochastic environments: a learning-automaton based solution. <i>Applied Intelligence</i> , <b>2012</b> , 36, 617-637	4.9	32
319	On the estimation of independent binomial random variables using occurrence and sequential information. <i>Pattern Recognition</i> , <b>2007</b> , 40, 3263-3276	7.7	32
318	Topology-oriented self-organizing maps: a survey. <i>Pattern Analysis and Applications</i> , <b>2014</b> , 17, 223-248	2.3	30
317	Automata learning and intelligent tertiary searching for stochastic point location. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1998</b> , 28, 947-54		30
316	Parameter learning from stochastic teachers and stochastic compulsive liars. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2006</b> , 36, 820-34		30
315	Modeling a student-classroom interaction in a tutorial-like system using learning automata. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 29-42		28
314	Solving multiconstraint assignment problems using learning automata. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 6-18		28
313	. <i>IEEE Journal of Robotics and Automation</i> , <b>1988</b> , 4, 450-455		28
312	Spelling correction using probabilistic methods. <i>Pattern Recognition Letters</i> , <b>1984</b> , 2, 147-154	4.7	28
311	On incorporating the paradigms of discretization and Bayesian estimation to create a new family of pursuit learning automata. <i>Applied Intelligence</i> , <b>2013</b> , 39, 782-792	4.9	27
310	Enhancing prototype reduction schemes with recursion: a method applicable for "large" data sets. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2004</b> , 34, 1384-97		27
309	A novel strategy for solving the stochastic point location problem using a hierarchical searching scheme. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 2202-20	10.2	26
308	List Organizing Strategies Using Stochastic Move-to-Front and Stochastic Move-to-Rear Operations. <i>SIAM Journal on Computing</i> , <b>1987</b> , 16, 705-716	1.1	26

307	Constrained string editing. <i>Information Sciences</i> , <b>1986</b> , 40, 267-284	7.7	25
306	Cybernetics and Learning Automata <b>2009</b> , 221-235		25
305	Anomaly Detection in Dynamic Systems Using Weak Estimators. <i>ACM Transactions on Internet Technology</i> , <b>2011</b> , 11, 1-16	3.8	23
304	Routing Bandwidth-Guaranteed Paths in MPLS Traffic Engineering: A Multiple Race Track Learning Approach. <i>IEEE Transactions on Computers</i> , <b>2007</b> , 56, 959-976	2.5	23
303	An efficient dynamic algorithm for maintaining all-pairs shortest paths in stochastic networks. <i>IEEE Transactions on Computers</i> , <b>2006</b> , 55, 686-702	2.5	23
302	Fault-tolerant routing in adversarial mobile ad hoc networks: an efficient route estimation scheme for non-stationary environments. <i>Telecommunication Systems</i> , <b>2010</b> , 44, 159-169	2.3	21
301	On using prototype reduction schemes to optimize kernel-based nonlinear subspace methods. <i>Pattern Recognition</i> , <b>2004</b> , 37, 227-239	7.7	21
300	An Adaptive Approach to Learning the Preferences of Users in a Social Network Using Weak Estimators. <i>Journal of Information Processing Systems</i> , <b>2012</b> , 8, 191-212		21
299	Pattern recognition of strings with substitutions, insertions, deletions and generalized transpositions. <i>Pattern Recognition</i> , <b>1997</b> , 30, 789-800	7.7	20
298	Modeling a student's behavior in a tutorial-like system using learning automata. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 481-92		19
297	On using prototype reduction schemes to optimize dissimilarity-based classification. <i>Pattern Recognition</i> , <b>2007</b> , 40, 2946-2957	7.7	19
296	The Noisy Substring Matching Problem. <i>IEEE Transactions on Software Engineering</i> , <b>1983</b> , SE-9, 365-370	3.5	19
295	The fundamental theory of optimal Anti-Bayesian parametric pattern classification using order statistics criteria. <i>Pattern Recognition</i> , <b>2013</b> , 46, 376-388	7.7	18
294	String taxonomy using learning automata. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1997</b> , 27, 354-65		18
293	Desynchronizing a chaotic pattern recognition neural network to model inaccurate perception. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2007</b> , 37, 692-704		18
292	A Learning Automaton-Based Scheme for Scheduling Domestic Shiftable Loads in Smart Grids. <i>IEEE Access</i> , <b>2018</b> , 6, 5348-5361	3.5	17
291	On using prototype reduction schemes to optimize kernel-based fisher discriminant analysis. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 564-70		17
290	Imposing tree-based topologies onto self organizing maps. <i>Information Sciences</i> , <b>2011</b> , 181, 3798-3815	7.7	16

289	A formal theory for optimal and information theoretic syntactic pattern recognition. <i>Pattern Recognition</i> , <b>1998</b> , 31, 1159-1177	7.7	16
288	A solution to the stochastic point location problem in metalevel nonstationary environments. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 466-76		16
287	On using prototype reduction schemes and classifier fusion strategies to optimize kernel-based nonlinear subspace methods. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2005</b> , 27, 455-460	13.3	16
286	Stochastic automata-based estimators for adaptively compressing files with nonstationary distributions. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2006</b> , 36, 1196-200		16
285	Fast Learning Automaton-Based Image Examination and Retrieval. <i>Computer Journal</i> , <b>1993</b> , 36, 542-553	1.3	16
284	Learning-automaton-based online discovery and tracking of spatiotemporal event patterns. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 1118-30	10.2	15
283	Achieving microaggregation for secure statistical databases using fixed-structure partitioning-based learning automata. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2009</b> , 39, 1192-205		15
282	Goal-oriented optimal subset selection of correlated multimedia streams. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2007</b> , 3, 2	3.4	15
281	A Kohonen-like decomposition method for the Euclidean traveling salesman problem-KNIES/spl l.bar/DECOMPOSE. <i>IEEE Transactions on Neural Networks</i> , <b>2003</b> , 14, 869-90		15
280	On optimal pairwise linear classifiers for normal distributions: the two-dimensional case. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2002</b> , 24, 274-280	13.3	15
279	On using the chi-squared metric for determining stochastic dependence. <i>Pattern Recognition</i> , <b>1992</b> , 25, 1389-1400	7.7	15
278	A common basis for similarity measures involving two strings. <i>International Journal of Computer Mathematics</i> , <b>1983</b> , 13, 17-40	1.2	15
277	Logistic Neural Networks: Their chaotic and pattern recognition properties. <i>Neurocomputing</i> , <b>2014</b> , 125, 184-194	5.4	14
276	An efficient pursuit automata approach for estimating stable all-pairs shortest paths in stochastic network environments. <i>International Journal of Communication Systems</i> , <b>2009</b> , 22, 441-468	1.7	14
275	Using Stochastic AI Techniques to Achieve Unbounded Resolution in Finite Player Goore Games and its Applications <b>2007</b> ,		14
274	On utilizing search methods to select subspace dimensions for kernel-based nonlinear subspace classifiers. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2005</b> , 27, 136-41	13.3	14
273	A formal analysis of why heuristic functions work. <i>Artificial Intelligence</i> , <b>2005</b> , 164, 1-22	3.6	14
272	Discretized learning automata solutions to the capacity assignment problem for prioritized networks. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2002</b> , 32, 821-31		14

271	The normalized string editing problem revisited. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1996</b> , 18, 669-672	13.3	14
270	A Learning Automaton Solution to the Stochastic Minimum-Spanning Circle Problem. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1986</b> , 16, 598-603		14
269	Multiaction learning automata possessing ergodicity of the mean. <i>Information Sciences</i> , <b>1985</b> , 35, 183-198	7	14
268	Optimal sampling for estimation with constrained resources using a learning automaton-based solution for the nonlinear fractional knapsack problem. <i>Applied Intelligence</i> , <b>2010</b> , 33, 3-20	4.9	13
267	A survey on statistical disclosure control and micro-aggregation techniques for secure statistical databases. <i>Software - Practice and Experience</i> , <b>2010</b> , 40, 1161-1188	2.5	13
266	Moment-preserving piecewise linear approximations of signals and images. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1997</b> , 19, 84-91	13.3	13
265	A Fault-Tolerant Routing Algorithm for Mobile Ad Hoc Networks Using a Stochastic Learning-Based Weak Estimation Procedure		13
264	Fast, efficient and accurate solutions to the Hamiltonian path problem using neural approaches. <i>Computers and Operations Research</i> , <b>2000</b> , 27, 461-494	4.6	13
263	An Efficient Geometric Solution to the Minimum Spanning Circle Problem. <i>Operations Research</i> , <b>1987</b> , 35, 80-86	2.3	13
262	Fast object partitioning using Stochastic learning automata <b>1987</b> ,		13
261	On achieving semi-supervised pattern recognition by utilizing tree-based SOMs. <i>Pattern Recognition</i> , <b>2013</b> , 46, 293-304	7.7	12
260	A User-Centric Approach for Personalized Service Provisioning in Pervasive Environments. <i>Wireless Personal Communications</i> , <b>2011</b> , 61, 543-566	1.9	12
259	On using prototype reduction schemes to enhance the computation of volume-based inter-class overlap measures. <i>Pattern Recognition</i> , <b>2009</b> , 42, 2695-2704	7.7	12
258	Discretized Bayesian Pursuit [A New Scheme for Reinforcement Learning]. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 784-793	0.9	12
257	Periodicity and stability issues of a chaotic pattern recognition neural network. <i>Pattern Analysis and Applications</i> , <b>2007</b> , 10, 175-188	2.3	12
256	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>1993</b> , 5, 695-704	4.2	12
255	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1991</b> , 21, 1608-1618		12
254	Optimizing channel selection for cognitive radio networks using a distributed Bayesian learning automata-based approach. <i>Applied Intelligence</i> , <b>2016</b> , 44, 307-321	4.9	12

253	Anti-Bayesian parametric pattern classification using order statistics criteria for some members of the exponential family. <i>Pattern Recognition</i> , <b>2014</b> , 47, 40-55	7.7	11
252	Modeling the learning process of the teacher in a tutorial-like system using learning automata. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 2020-31	10.2	11
251	An effective algorithm for string correction using generalized edit distance. Computational complexity of the algorithm and some applications. <i>Information Sciences</i> , <b>1981</b> , 23, 201-217	7.7	11
250	Stochastic discretized learning-based weak estimation: a novel estimation method for non-stationary environments. <i>Pattern Recognition</i> , <b>2016</b> , 60, 430-443	7.7	11
249	A Fixed Structure Learning Automaton Micro-aggregation Technique for Secure Statistical Databases. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 114-128	0.9	11
248	Order statistics-based parametric classification for multi-dimensional distributions. <i>Pattern Recognition</i> , <b>2013</b> , 46, 3472-3482	7.7	10
247	A fast and efficient nearly-optimal adaptive Fano coding scheme. <i>Information Sciences</i> , <b>2006</b> , 176, 1656-1683	16.3	10
246	. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1993</b> , 15, 185-192	13.3	10
245	The Bayesian Pursuit Algorithm: A New Family of Estimator Learning Automata. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 522-531	0.9	10
244	Novel Discretized Weak Estimators Based on the Principles of the Stochastic Search on the Line Problem. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 2732-2744	10.2	10
243	On achieving intelligent traffic-aware consolidation of virtual machines in a data center using Learning Automata. <i>Journal of Computational Science</i> , <b>2018</b> , 24, 290-312	3.4	9
242	A formal proof of the optimality of absorbing continuous pursuit algorithms using the theory of regular functions. <i>Applied Intelligence</i> , <b>2014</b> , 41, 974-985	4.9	9
241	Multi-class pairwise linear dimensionality reduction using heteroscedastic schemes. <i>Pattern Recognition</i> , <b>2010</b> , 43, 2456-2465	7.7	9
240	Spikes annihilation in the Hodgkin-Huxley neuron. <i>Biological Cybernetics</i> , <b>2008</b> , 98, 239-57	2.8	9
239	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1993</b> , 23, 1450-1465		9
238	Deterministic optimal and expedient move-to-rear list organizing strategies. <i>Theoretical Computer Science</i> , <b>1990</b> , 74, 183-197	1.1	9
237	Learning automata processing ergodicity of the mean: The two-action case. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1983</b> , SMC-13, 1143-1148		9
236	On optimizing firewall performance in dynamic networks by invoking a novel swapping window-based paradigm. <i>International Journal of Communication Systems</i> , <b>2018</b> , 31, e3773	1.7	8

235	Self-organizing maps whose topologies can be learned with adaptive binary search trees using conditional rotations. <i>Pattern Recognition</i> , <b>2014</b> , 47, 96-113	7.7	8
234	On Enhancing Recent Multi-player Game Playing Strategies Using a Spectrum of Adaptive Data Structures <b>2013</b> ,		8
233	A novel abstraction for swarm intelligence: particle field optimization. <i>Autonomous Agents and Multi-Agent Systems</i> , <b>2017</b> , 31, 362-385	2	8
232	Case based measles surveillance in Pune: evidence to guide current and future measles control and elimination efforts in India. <i>PLoS ONE</i> , <b>2014</b> , 9, e108786	3.7	8
231	Adachi-like chaotic neural networks requiring linear-time computations by enforcing a tree-shaped topology. <i>IEEE Transactions on Neural Networks</i> , <b>2009</b> , 20, 1797-809		8
230	The Efficiency of Histogram-like Techniques for Database Query Optimization. <i>Computer Journal</i> , <b>2002</b> , 45, 494-510	1.3	8
229	Numerical similarity and dissimilarity measures between two trees. <i>IEEE Transactions on Computers</i> , <b>1996</b> , 45, 1426-1434	2.5	8
228	A geometrical approach to polygonal dissimilarity and shape matching. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1982</b> , 4, 649-54	13.3	8
227	On Applying Adaptive Data Structures to Multi-Player Game Playing <b>2013</b> , 125-138		8
226	The Hierarchical Continuous Pursuit Learning Automation: A Novel Scheme for Environments With Large Numbers of Actions. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 512-526	10.3	8
225	A Conclusive Analysis of the Finite-Time Behavior of the Discretized Pursuit Learning Automaton. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 284-294	10.3	8
224	On the classification of dynamical data streams using novel Anti-Bayesian techniques. <i>Pattern Recognition</i> , <b>2018</b> , 76, 108-124	7.7	8
223	On Solving the Problem of Identifying Unreliable Sensors Without a Knowledge of the Ground Truth: The Case of Stochastic Environments. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 1604-1617	10.2	7
222	Recent advances in Learning Automata systems <b>2010</b> ,		7
221	A Novel Framework for Self-Organizing Lists in Environments with Locality of Reference: Lists-on-Lists. <i>Computer Journal</i> , <b>2007</b> , 50, 186-196	1.3	7
220	A nearly-optimal Fano-based coding algorithm. <i>Information Processing and Management</i> , <b>2004</b> , 40, 257-268		7
219	On optimal pairwise linear classifiers for normal distributions: the d-dimensional case. <i>Pattern Recognition</i> , <b>2003</b> , 36, 13-23	7.7	7
218	Ergodic Learning Automata Capable of Incorporating a Priori Information. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1987</b> , 17, 717-723		7



217	Scale preserving smoothing of polygons. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1983</b> , 5, 667-71	13.3	7
216	Similarity measures for sets of strings □ <i>International Journal of Computer Mathematics</i> , <b>1983</b> , 13, 95-104	1.2	7
215	Chaotic Pattern Recognition: The Spectrum of Properties of the Adachi Neural Network. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 540-550	0.9	7
214	On enhancing the object migration automaton using the Pursuit paradigm. <i>Journal of Computational Science</i> , <b>2018</b> , 24, 329-342	3.4	6
213	Dynamic Ordering of Firewall Rules Using a Novel Swapping Window-based Paradigm <b>2016</b> ,		6
212	A formal proof of the $\epsilon$ -optimality of discretized pursuit algorithms. <i>Applied Intelligence</i> , <b>2016</b> , 44, 282-294	1.9	6
211	Learning automata-based solutions to the optimal web polling problem modelled as a nonlinear fractional knapsack problem. <i>Engineering Applications of Artificial Intelligence</i> , <b>2011</b> , 24, 1238-1251	7.2	6
210	Vector Quantization for Arbitrary Distance Function Estimation. <i>INFORMS Journal on Computing</i> , <b>1997</b> , 9, 439-451	2.4	6
209	String alignment with substitution, insertion, deletion, squashing, and expansion operations. <i>Information Sciences</i> , <b>1995</b> , 83, 89-107	7.7	6
208	Trajectory Planning of Robot Manipulators in Noisy Work Spaces Using Stochastic Automata. <i>International Journal of Robotics Research</i> , <b>1991</b> , 10, 135-148	5.7	6
207	On Generating Random Permutations with Arbitrary Distributions. <i>Computer Journal</i> , <b>1990</b> , 33, 368-374	1.3	6
206	On Using Learning Automata to Model a Student's Behavior in a Tutorial-like System <b>2007</b> , 813-822		6
205	On Using Adaptive Binary Search Trees to Enhance Self Organizing Maps. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 199-209	0.9	6
204	Optimal Anti-Bayesian Parametric Pattern Classification for the Exponential Family Using Order Statistics Criteria. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 11-18	0.9	6
203	Achieving Intelligent Traffic-Aware Consolidation of Virtual Machines in a Data Center Using Learning Automata <b>2016</b> ,		6
202	On Allocating Limited Sampling Resources Using a Learning Automata-based Solution to the Fractional Knapsack Problem <b>2006</b> , 263-272		6
201	The design of absorbing Bayesian pursuit algorithms and the formal analyses of their $\epsilon$ -optimality. <i>Pattern Analysis and Applications</i> , <b>2017</b> , 20, 797-808	2.3	5
200	Learning Automata-Based Solutions to the Single Elevator Problem. <i>IFIP Advances in Information and Communication Technology</i> , <b>2019</b> , 439-450	0.5	5

199	On utilizing dependence-based information to enhance micro-aggregation for secure statistical databases. <i>Pattern Analysis and Applications</i> , <b>2013</b> , 16, 99-116	2.3	5
198	Large-scale neuro-modeling for understanding and explaining some brain-related chaotic behavior. <i>Simulation</i> , <b>2012</b> , 88, 1316-1337	1.2	5
197	Use of amniotic membrane in dermatology. <i>Indian Journal of Dermatology, Venereology and Leprology</i> , <b>2010</b> , 76, 196-7	0.8	5
196	Estimation of distributions involving unobservable events: the case of optimal search with unknown Target Distributions. <i>Pattern Analysis and Applications</i> , <b>2009</b> , 12, 37-53	2.3	5
195	Breadth-first search strategies for trie-based syntactic pattern recognition. <i>Pattern Analysis and Applications</i> , <b>2007</b> , 10, 1-13	2.3	5
194	On optimizing syntactic pattern recognition using tries and AI-based heuristic-search strategies. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2006</b> , 36, 611-22		5
193	On the pattern recognition of noisy subsequence trees. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2001</b> , 23, 929-946	13.3	5
192	A Bayesian Learning Automata-Based Distributed Channel Selection Scheme for Cognitive Radio Networks. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 48-57	0.9	5
191	Novel AI Strategies for Multi-Player Games at Intermediate Board States. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 33-42	0.9	5
190	Enhancing History-Based Move Ordering in Game Playing Using Adaptive Data Structures. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 225-235	0.9	5
189	Dictionary-Based Syntactic Pattern Recognition Using Tries. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 251-259	0.9	5
188	A New Family of Weak Estimators for Training in Non-stationary Distributions. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 644-652	0.9	5
187	A Novel Method for Micro-Aggregation in Secure Statistical Databases Using Association and Interaction. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 126-140	0.9	5
186	A Stochastic Search on the Line-Based Solution to Discretized Estimation. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 764-773	0.9	5
185	Optimal Anti-Bayesian Parametric Pattern Classification Using Order Statistics Criteria. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 1-13	0.9	5
184	Language Detection and Tracking in Multilingual Documents Using Weak Estimators. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 600-609	0.9	5
183	Novel Distance Estimation Methods Using Stochastic Learning on the Line Strategies. <i>IEEE Access</i> , <b>2018</b> , 6, 48438-48454	3.5	5
182	On Optimizing the k-Ward Micro-aggregation Technique for Secure Statistical Databases. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 324-335	0.9	5

181	Generalized swap-with-parent schemes for self-organizing sequential linear lists. <i>Lecture Notes in Computer Science</i> , <b>1997</b> , 414-423	0.9	5
180	A novel technique for stochastic root-finding: Enhancing the search with adaptive d-ary search. <i>Information Sciences</i> , <b>2017</b> , 393, 108-129	7.7	4
179	Optimizing Self-organizing Lists-on-Lists Using Enhanced Object Partitioning. <i>IFIP Advances in Information and Communication Technology</i> , <b>2019</b> , 451-463	0.5	4
178	Using the Theory of Regular Functions to Formally Prove the $\epsilon$ Optimality of Discretized Pursuit Learning Algorithms. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 379-388	0.9	4
177	THE USE OF WEAK ESTIMATORS TO ACHIEVE LANGUAGE DETECTION AND TRACKING IN MULTILINGUAL DOCUMENTS. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , <b>2013</b> , 27, 1350011	1.1	4
176	A novel Stochastic Discretized Weak Estimator operating in non-stationary environments <b>2012</b> ,		4
175	Discrete vector quantization for arbitrary distance function estimation. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1998</b> , 28, 496-510		4
174	Using learning automata to model the behavior of a teacher in a tutorial-like system <b>2007</b> ,		4
173	A formal approach to using data distributions for building causal polytree structures. <i>Information Sciences</i> , <b>2004</b> , 168, 111-132	7.7	4
172	Self-Adjusting of Ternary Search Tries Using Conditional Rotations and Randomized Heuristics. <i>Computer Journal</i> , <b>2005</b> , 48, 200-219	1.3	4
171	Designing syntactic pattern classifiers using vector quantization and parametric string editing. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1999</b> , 29, 881-8		4
170	Determining stochastic dependence for normally distributed vectors using the chi-squared metric. <i>Pattern Recognition</i> , <b>1993</b> , 26, 975-987	7.7	4
169	. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1991</b> , 13, 386-394	13.3	4
168	On the problem of translating an elliptic object through a workspace of elliptic obstacles*. <i>Robotica</i> , <b>1987</b> , 5, 187-196	2.1	4
167	On Using the Theory of Regular Functions to Prove the $\epsilon$ Optimality of the Continuous Pursuit Learning Automaton. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 262-271	0.9	4
166	A Novel Border Identification Algorithm Based on an $\bar{\Delta}$ Anti-Bayesian $\bar{\Delta}$ Paradigm. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 196-203	0.9	4
165	On Invoking Transitivity to Enhance the Pursuit-Oriented Object Migration Automata. <i>IEEE Access</i> , <b>2018</b> , 6, 21668-21681	3.5	4
164	The Foundational Theory of Optimal Bayesian Pairwise Linear Classifiers. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 581-590	0.9	4

163	A fast and efficient solution to the Capacity Assignment problem using discretized learning automata. <i>Lecture Notes in Computer Science</i> , <b>1998</b> , 56-65	0.9	4
162	Higher-Fidelity Frugal and Accurate Quantile Estimation Using a Novel Incremental Discretized Paradigm. <i>IEEE Access</i> , <b>2018</b> , 6, 24362-24374	3.5	3
161	Scheduling Domestic Shiftable Loads in Smart Grids: A Learning Automata-Based Scheme. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2017</b> , 58-68	0.2	3
160	Anti-Bayesian Flat and hierarchical clustering using symmetric quantiloids. <i>Information Sciences</i> , <b>2017</b> , 418-419, 495-512	7.7	3
159	On the Cryptanalysis of Two Cryptographic Algorithms That Utilize Chaotic Neural Networks. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-9	1.1	3
158	Space and depth-related enhancements of the history-ADS strategy in game playing <b>2015</b> ,		3
157	Achieving Unbounded Resolution in Finite Player Goore Games Using Stochastic Automata, and Its Applications. <i>Sequential Analysis</i> , <b>2012</b> , 31, 190-218	0.7	3
156	The entire range of Chaotic pattern recognition properties possessed by the Adachi neural network1. <i>Intelligent Decision Technologies</i> , <b>2011</b> , 6, 27-41	0.7	3
155	On utilizing association and interaction concepts for enhancing microaggregation in secure statistical databases. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 198-207		3
154	Networking logistic neurons can yield chaotic and pattern recognition properties <b>2011</b> ,		3
153	An Enhanced Tree-Shaped Adachi-Like Chaotic Neural Network Requiring Linear-Time Computations <b>2010</b> ,		3
152	Using Learning Automata to Model a Domain in a Tutorial-Like System <b>2007</b> ,		3
151	A Stochastic Random-Races Algorithm for Routing in MPLS Traffic Engineering <b>2006</b> ,		3
150	<b>2006</b> ,		3
149	User Grouping and Power Allocation in NOMA Systems: A Reinforcement Learning-Based Solution. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 299-311	0.9	3
148	Ultimate Order Statistics-Based Prototype Reduction Schemes. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 421-433	0.9	3
147	A Hierarchy of Twofold Resource Allocation Automata Supporting Optimal Web Polling. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 347-358	0.9	3
146	Enhancing Micro-Aggregation Technique by Utilizing Dependence-Based Information in Secure Statistical Databases. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 404-418	0.9	3

145	A Learning Automata Based Solution to Service Selection in Stochastic Environments. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 209-218	0.9	3
144	Greedy adaptive Fano coding		3
143	Optimal and information theoretic syntactic pattern recognition for traditional errors. <i>Lecture Notes in Computer Science</i> , <b>1996</b> , 11-20	0.9	3
142	A Novel Multidimensional Scaling Technique for Mapping Word-Of-Mouth Discussions. <i>Studies in Computational Intelligence</i> , <b>2009</b> , 317-322	0.8	3
141	A Hierarchical Learning Scheme for Solving the Stochastic Point Location Problem. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 774-783	0.9	3
140	Fast BMU Search in SOMs Using Random Hyperplane Trees. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 39-51	0.9	3
139	On enhancing the deadlock-preventing object migration automaton using the pursuit paradigm. <i>Pattern Analysis and Applications</i> , <b>2020</b> , 23, 509-526	2.3	3
138	On Optimizing Dissimilarity-Based Classification Using Prototype Reduction Schemes. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 15-28	0.9	3
137	Optimizing Self-organizing Lists-on-Lists Using Pursuit-Oriented Enhanced Object Partitioning. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 201-212	0.9	2
136	On Utilizing the Pursuit Paradigm to Enhance the Deadlock-Preventing Object Migration Automaton <b>2017</b> ,		2
135	The Theory and Applications of the Stochastic Point Location Problem <b>2017</b> ,		2
134	Pattern classification using a new border identification paradigm: The nearest border technique. <i>Neurocomputing</i> , <b>2015</b> , 157, 105-117	5.4	2
133	On Distinguishing between Reliable and Unreliable Sensors Without a Knowledge of the Ground Truth <b>2015</b> ,		2
132	On the Analysis of a Random Interleaving Walkump Process with Applications to Testing. <i>Sequential Analysis</i> , <b>2011</b> , 30, 457-478	0.7	2
131	Anomaly Detection in Dynamic Social Systems Using Weak Estimators <b>2009</b> ,		2
130	Peptide classification using optimal and information theoretic syntactic modeling. <i>Pattern Recognition</i> , <b>2010</b> , 43, 3891-3899	7.7	2
129	An Application of a Game of Discrete Generalised Pursuit Automata to Solve a Multi-Constraint Partitioning Problem <b>2006</b> ,		2
128	Using learning automata to model a student-classroom interaction in a tutorial-like system <b>2007</b> ,		2

127	New algorithms for maintaining all-pairs shortest paths		2
126	Towards a Learning Automata Solution to the Multi-Constraint Partitioning Problem <b>2006</b> ,		2
125	Prototype reduction schemes applicable for non-stationary data sets. <i>Pattern Recognition</i> , <b>2006</b> , 39, 209-222		2
124	A novel look-ahead optimization strategy for trie-based approximate string matching. <i>Pattern Analysis and Applications</i> , <b>2006</b> , 9, 177-187	2.3	2
123	Stochastic Learning Automata-Based Dynamic Algorithms for the Single Source Shortest Path Problem. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 239-248	0.9	2
122	Query result size estimation using the Trapezoidal Attribute Cardinality Map		2
121	Adaptive linear list reorganization under a generalized query system. <i>Journal of Applied Probability</i> , <b>1995</b> , 32, 793-804	0.8	2
120	Constrained tree editing. <i>Information Sciences</i> , <b>1994</b> , 77, 253-273	7.7	2
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118	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1995</b> , 25, 1334-1339		2
117	On the problem of multiple mobile robots cluttering a workspace. <i>Information Sciences</i> , <b>1992</b> , 63, 55-85	7.7	2
116	Self-Organizing Doubly-Linked Lists. <i>Journal of Algorithms</i> , <b>1993</b> , 14, 88-114		2
115	An optimal absorbing list organization strategy with constant memory requirements. <i>Theoretical Computer Science</i> , <b>1993</b> , 119, 355-361	1.1	2
114	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1990</b> , 20, 1209-1216		2
113	Enhancing English-Japanese Translation Using Syntactic Pattern Recognition Methods. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 33-42	0.4	2
112	Learning Automaton Based On-Line Discovery and Tracking of Spatio-temporal Event Patterns. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 327-338	0.9	2
111	Semi-Supervised Classification Using Tree-Based Self-Organizing Maps. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 21-30	0.9	2
110	Prototype Validation of the Rectangular Attribute Cardinality Map for Query Optimization in Database Systems <b>1999</b> , 250-262		2

109	A Hierarchy of Twofold Resource Allocation Automata Supporting Optimal Sampling. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 523-534	0.9	2
108	A New Frontier in Novelty Detection: Pattern Recognition of Stochastically Episodic Events. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 435-444	0.9	2
107	On the Pattern Recognition and Classification of Stochastically Episodic Events. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 1-35	0.9	2
106	Concept Drift Detection Using Online Histogram-Based Bayesian Classifiers. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 175-182	0.9	2
105	Modeling Inaccurate Perception: Desynchronization Issues of a Chaotic Pattern Recognition Neural Network. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 821-830	0.9	2
104	Empirical Verification of a Strategy for Unbounded Resolution in Finite Player Goore Games. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 1252-1258	0.9	2
103	Generalizing singly-linked list reorganizing heuristics for doubly-linked lists. <i>Lecture Notes in Computer Science</i> , <b>1989</b> , 380-389	0.9	2
102	A Novel Clustering Algorithm Based on a Non-parametric Anti-Bayesian Paradigm. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 536-545	0.9	1
101	Novel threat-based AI strategies that incorporate adaptive data structures for multi-player board games. <i>Applied Intelligence</i> , <b>2018</b> , 48, 1893-1911	4.9	1
100	Learning Automata-Based Solutions to the Multi-Elevator Problem. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 130-141	0.9	1
99	On using prototype reduction schemes to optimize locally linear reconstruction methods. <i>Pattern Recognition</i> , <b>2012</b> , 45, 498-511	7.7	1
98	Solving Stochastic Root-Finding with adaptive d-ary search <b>2015</b> ,		1
97	Chaotic and pattern recognition properties of a network of Logistic neurons <b>2010</b> ,		1
96	On Optimizing Kernel-Based Fisher Discriminant Analysis Using Prototype Reduction Schemes. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 826-834	0.9	1
95	A new approach to adaptive encoding data using self-organizing data structures <b>2007</b> ,		1
94	Benchmarking attribute cardinality maps for database systems using the TPC-D specifications. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2003</b> , 33, 913-24		1
93	On using conditional rotations and randomized heuristics for self-organizing ternary search tries <b>2005</b> ,		1
92	Optimizing Kernel-Based Nonlinear Subspace Methods Using Prototype Reduction Schemes. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 155-166	0.9	1

91	The noisy subsequence tree recognition problem. <i>Lecture Notes in Computer Science</i> , <b>1998</b> , 169-180	0.9	1
90	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>1994</b> , 24, 349-356		1
89	A Short Note on Doubly-Linked List Reorganizing Heuristics. <i>Computer Journal</i> , <b>1992</b> , 35, 533-535	1.3	1
88	Stochastic Point Location in Non-stationary Environments and Its Applications <b>2007</b> , 845-854		1
87	Recursive Prototype Reduction Schemes Applicable for Large Data Sets. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 528-537	0.9	1
86	On How to Learn from a Stochastic Teacher or a Stochastic Compulsive Liar of Unknown Identity. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 24-40	0.9	1
85	On Using Prototype Reduction Schemes and Classifier Fusion Strategies to Optimize Kernel-Based Nonlinear Subspace Methods. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 783-795	0.9	1
84	Selecting Subspace Dimensions for Kernel-Based Nonlinear Subspace Classifiers Using Intelligent Search Methods. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 1115-1121	0.9	1
83	On Utilizing Stochastic Learning Weak Estimators for Training and Classification of Patterns with Non-stationary Distributions. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 107-120	0.9	1
82	Enhancing Trie-Based Syntactic Pattern Recognition Using AI Heuristic Search Strategies. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 1-17	0.9	1
81	Efficient Adaptive Data Compression Using Fano Binary Search Trees. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 768-779	0.9	1
80	Lists on Lists: A Framework for Self-organizing Lists in Environments with Locality of Reference. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 109-120	0.9	1
79	Estimation in Feedback Loops by Stochastic Learning. <i>Advances in Pattern Recognition</i> , <b>2007</b> , 3-16		1
78	Enhancing the Prediction of Lung Cancer Survival Rates Using 2D Features from 3D Scans. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 202-215	0.9	1
77	On using conditional rotation operations to adaptively structure binary search trees. <i>Lecture Notes in Computer Science</i> , <b>1983</b> , 161-175	0.9	1
76	Cryptanalysis of a Cryptographic Algorithm that Utilizes Chaotic Neural Networks <b>2014</b> , 167-174		1
75	Text Classification Using Novel Anti-Bayesian Techniques. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 1-15	0.9	1
74	Multinomial Sequence Based Estimation Using Contiguous Subsequences of Length Three. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 243-253	0.9	1



73	On the Foundations of Multinomial Sequence Based Estimation. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 218-229	0.9	1
72	A Higher-Fidelity Frugal Quantile Estimator. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 76-86	0.9	1
71	A Fast Computation of Inter-class Overlap Measures Using Prototype Reduction Schemes. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 173-184	0.9	1
70	On Achieving History-Based Move Ordering in Adversarial Board Games Using Adaptive Data Structures. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 10-44	0.9	1
69	On solving single elevator-like problems using a learning automata-based paradigm. <i>Evolving Systems</i> , <b>2021</b> , 12, 37-56	2.1	1
68	New Absorbing and Ergodic Doubly-Linked List Reorganizing Heuristics <b>1992</b> , 167-177		1
67	Noisy subsequence recognition using constrained string editing involving substitutions, insertions, deletions and generalized transpositions. <i>Lecture Notes in Computer Science</i> , <b>1995</b> , 116-123	0.9	1
66	On the Online Classification of Data Streams Using Weak Estimators. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 68-79	0.9	1
65	On Utilizing Optimal and Information Theoretic Syntactic Modeling for Peptide Classification. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 24-35	0.9	1
64	Potential AI Strategies to Solve the Commons Game: A Position Paper. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 352-356	0.9	1
63	Using Artificial Intelligence Techniques for Strategy Generation in the Commons Game. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 43-50	0.9	1
62	Modeling a Teacher in a Tutorial-like System Using Learning Automata. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 37-62	0.9	1
61	Expedient stochastic move-to-front and optimal stochastic move-to-rear list organizing strategies. <i>Lecture Notes in Computer Science</i> , <b>1986</b> , 349-364	0.9	1
60	Achieving Fair Load Balancing by Invoking a Learning Automata-Based Two-Time-Scale Separation Paradigm. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 3444-3457	10.3	1
59	On utilizing weak estimators to achieve the online classification of data streams. <i>Engineering Applications of Artificial Intelligence</i> , <b>2019</b> , 86, 11-31	7.2	1
58	Nonparametric Anti-Bayesian Quantile-based pattern classification. <i>Pattern Analysis and Applications</i> , <b>2021</b> , 24, 75-87	2.3	1
57	The Hierarchical Continuous Pursuit Learning Automation for Large Numbers of Actions. <i>IFIP Advances in Information and Communication Technology</i> , <b>2018</b> , 451-461	0.5	1
56	A Learning-Automata Based Solution for Non-equal Partitioning: Partitions with Common GCD Sizes. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 227-239	0.9	1

55	Enhancing Caching in Distributed Databases Using Intelligent Polytree Representations. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 498-504	0.9	1
54	Adaptive linear list reorganization for a system processing set queries. <i>Lecture Notes in Computer Science</i> , <b>1991</b> , 405-414	0.9	1
53	The Hierarchical Discrete Learning Automaton Suitable for Environments with Many Actions and High Accuracy Requirements. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 507-518	0.9	1
52	Optimizing Self-organizing Lists-on-Lists Using Transitivity and Pursuit-Enhanced Object Partitioning. <i>IFIP Advances in Information and Communication Technology</i> , <b>2020</b> , 227-240	0.5	0
51	Object Migration Automata for Non-equal Partitioning Problems with Known Partition Sizes. <i>IFIP Advances in Information and Communication Technology</i> , <b>2021</b> , 129-142	0.5	0
50	Occlusion-based estimation of independent multinomial random variables using occurrence and sequential information. <i>Engineering Applications of Artificial Intelligence</i> , <b>2017</b> , 63, 69-84	7.2	
49	The Power of the Pursuit Learning Paradigm in the Partitioning of Data. <i>IFIP Advances in Information and Communication Technology</i> , <b>2019</b> , 3-16	0.5	
48	The Power of the Pursuit Learning Paradigm in the Partitioning of Data. <i>Communications in Computer and Information Science</i> , <b>2019</b> , 3-16	0.3	
47	On the analysis of a random walk-jump chain with tree-based transitions and its applications to faulty dichotomous search. <i>Sequential Analysis</i> , <b>2018</b> , 37, 31-46	0.7	
46	On Using Stochastic Learning on the Line to Design Novel Distance Estimation Methods. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 34-42	0.9	
45	Challenging state-of-the-art move ordering with Adaptive Data Structures. <i>Applied Intelligence</i> , <b>2017</b> , 48, 1128	4.9	
44	Classification of Multi-dimensional Distributions Using Order Statistics Criteria. <i>Advances in Intelligent Systems and Computing</i> , <b>2013</b> , 19-29	0.4	
43	Learning Automata Based Intelligent Tutorial-like System. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 360-373		
42	An efficient compression scheme for data communication which uses a new family of self-organizing binary search trees. <i>International Journal of Communication Systems</i> , <b>2008</b> , 21, 1091-1120 <sup>1-7</sup>		
41	Enhanced layered segment trees: a pragmatic data structure for real-time processing of geometric objects. <i>Pattern Recognition</i> , <b>2002</b> , 35, 2303-2309	7.7	
40	On using learning automata for fast graph partitioning. <i>Lecture Notes in Computer Science</i> , <b>1995</b> , 449-460.	0.9	
39	Algorithms for string editing which permit arbitrarily complex edit constraints <b>1984</b> , 443-451		
38	A Novel Learning Automata-Based Strategy to Generate Melodies from Chordal Inputs. <i>IFIP Advances in Information and Communication Technology</i> , <b>2020</b> , 203-215	0.5	

37	On Using a Hierarchy of Twofold Resource Allocation Automata to Solve Stochastic Nonlinear Resource Allocation Problems <b>2007</b> , 36-47	
36	Resolving Minsky's Paradox : The d-Dimensional Normal Distribution Case. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 25-36	0.9
35	On Families of New Adaptive Compression Algorithms Suitable for Time-Varying Source Data. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 234-244	0.9
34	Time-Varying Prototype Reduction Schemes Applicable for Non-stationary Data Sets. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 614-623	0.9
33	On the Theory and Applications of Sequence Based Estimation of Independent Binomial Random Variables. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 8-21	0.9
32	On Enhancing Query Optimization in the Oracle Database System by Utilizing Attribute Cardinality Maps. <i>Lecture Notes in Business Information Processing</i> , <b>2008</b> , 38-71	0.6
31	Chernoff-Based Multi-class Pairwise Linear Dimensionality Reduction. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 301-308	0.9
30	An AI-Based Causal Strategy for Securing Statistical Databases Using Micro-aggregation. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 423-434	0.9
29	On Addressing the Challenges of Complex Stochastic Games Using Representative Moves. <i>IFIP Advances in Information and Communication Technology</i> , <b>2018</b> , 3-13	0.5
28	Multi-Minimax: A New AI Paradigm for Simultaneously-Played Multi-player Games. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 41-53	0.9
27	On Using Stochastic Learning on the Line to Design Novel Distance Estimation Methods for Three-Dimensional Environments. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 39-49	0.9
26	Novel Block Diagonalization for Reducing Features and Computations in Medical Diagnosis. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 42-54	0.9
25	Optimal and information theoretic syntactic Pattern Recognition involving traditional and transposition errors. <i>Lecture Notes in Computer Science</i> , <b>1996</b> , 224-237	0.9
24	On Solving the Capacity Assignment Problem Using Continuous Learning Automata. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 622-631	0.9
23	Pattern Recognition using the TTOCONROT. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 435-444	0.9
22	Challenging Established Move Ordering Strategies with Adaptive Data Structures. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 862-872	0.9
21	A Cluster Analysis of Stock Market Data Using Hierarchical SOMs. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 101-112	0.9
20	Text Classification Using Anti-Bayesian Quantile Statistics-Based Classifiers. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 101-126	0.9

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